

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: D. Stamatelakis et al. Attorney Docket No.: LAMA118471

Application No.: FILED CONCURRENTLY
HEREWITH

Filed: CONCURRENTLY
HEREWITH

Title: DISTRIBUTED PRECONFIGURATION OF SPARE CAPACITY IN
CLOSED PATHS FOR NETWORK RESTORATION



INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 08/893,491, filed July 11, 1997. The references listed on the attached form were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application.
2. X This Information Disclosure Statement is being filed concurrently with the above-identified application.

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}

A handwritten signature in black ink, appearing to read 'Kevan L. Morgan'.

Kevan L. Morgan

Registration No. 42,015

Direct Dial No. 206.695.1712

INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicants: D. Stamatelakis et al. Attorney Docket No.: LAMA118471

Application No.: FILED CONCURRENTLY
HEREWITH

Filed: CONCURRENTLY
HEREWITH

Title: DISTRIBUTED PRECONFIGURATION OF SPARE CAPACITY IN
CLOSED PATHS FOR NETWORK RESTORATION

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	4,956,835		09/11/1990	Grover
_____	U2	5,146,452		09/08/1992	Pekarske
_____	U3	5,173,689		12/22/1992	Kusano
_____	U4	5,235,599		08/10/1993	Nishimura et al.
_____	U5	5,435,003		07/18/1995	Chng et al.
_____	U6	5,495,471		02/27/1996	Chow et al.
_____	U7	5,537,532		07/16/1996	Chng et al.
_____	U8	5,590,119		12/31/1996	Moran et al.
_____	U9	5,835,482		11/10/1998	Allen
_____	U10	5,850,505		12/15/1998	Grover
_____	U11	5,999,286		12/07/1999	Venkatesan

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
None							

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{PLC}
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
_____	O1	Grover, W.D. and M.H. MacGregor, "Potential for Spare Capacity Preconnection to Reduce Crossconnection Workloads in Mesh-Restorable Networks," <i>Electronics Letters</i> 30(3):194-195, February 3, 1994.
_____	O2	Herzberg, Meir and Stephen J. Bye, "An Optimal Spare-Capacity Assignment Model for Survivable Networks With Hop Limits," <i>Proceedings of IEEE Globecom '94</i> , Telecom Australia Research Laboratories, IEEE, Vol. 3, 1994, pp. 1601-1606.
_____	O3	Information sheet on Existing Telco Digital Cross-Connect Switch (DCS).
_____	O4	PCT International Application No. PCT/GB96/01912, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06643, published February 20, 1997.
_____	O5	PCT International Application No. PCT/GB96/01913, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06644, published February 20, 1997.
_____	O6	PCT International Application No. PCT/GB96/01914, filed August 6, 1996, entitled Route Finding in Communications Networks, International Publication No. WO 97/06645, published February 20, 1997.
_____	O7	PCT International Application No. PCT/US96/13830, filed August 28, 1996, entitled Deterministic Selection of an Optimal Restoration Route in a Telecommunications Network, International Publication No. WO 97/08860, published March 6, 1997.
_____	O8	PCT International Application No. PCT/US96/14999, filed September 18, 1996, entitled Communication System and Method Providing Optimal Restoration of Failed Paths, International Publication No. WO 97/11543, published March 27, 1997.
_____	O9	Photocopy of Canadian Patent Application No. 2,161,847, filed October 31, 1995 (published May 1, 1997), including drawings and filing certificate, corresponding to U.S. Patent Application No. 08/551,709, filed November 1, 1995, 32 pages.

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESSSM
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100

_____ O10 Telecommunications Network Management Into the 21st Century, Techniques, Standards, Technologies, and Applications, "Distributed Restoration of the Transport Network," IEEE Press, Chapter 11, pp. 337-417, 1993.

_____ O11 Wu, Tsong-Ho, "Fiber Network Service Survivability," Artech House, Boston, ©1992, pp. 1-211.

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KLM:mc

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{PLLC}
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100